

DATSKOVSKIY, S. Sh.

Increasing Labor Productivity in Machine Building (Voprosy povysheniya proizvoditel'nosti truda v mashinostroenii) Gosudarstvennoye nauch-tekh. izdat. mashinostroitel'. literatury, Moscow, 1957. 511 pp.
(Table of Contents authors below)

This collection presents a comparative tech. and economic analysis of most effective methods and industrial processes for obtaining high labor productivity in machine building. Output may be stepped up by further standarization of machine tools, materials, and production methods; drawing on unused potentials. Covers all stages of planning and production as performed in modern plants of USSR, actual experience, and new methods are discussed.

DATSKOVSKIY, S. Sh., "Comparative Production Analysis," p. 469.

DATSKOVSKIY, S.Sh.; TIMOSHIN, D.Ya., inzh.

Parts and articles made of fibrous materials. Vest.mast. 42
no.1:52-55 Ja '62. (MIRA 15:1)
(Paperboard)

DATSKOVSKIY, S.Sh.

Promoting the adaption of advanced machine-tool designs. Vest.
mashinostr. 44 no.12:73-75 D '64. (MIRA 18:2)

DATSKOVSKIY, V.M., kand.tekhn.nauk

Gas turbine installations with regeneration at elevated pressure
of the heating gas. Trudy Inst.tepl.AN URSS no.7:35-48 '52.
(MIRA 13:5)

(Gas turbines)

1. DATSKOVSKIY, V.M.
 2. USSR (600)
 4. Steam, Superheated
 7. Cycles of superheated steam. Energ.biul. no.8, 1952.
9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

DATSKOVSKIY, V.M.

Making piston gas producers more efficient..Energ. biul. no.8:23-24
Ag '57.

(MLBA 10:8)

(Gas producers)

AUTHOR: Datskovskiy, V. M.

SOV/89-5-4-11/24

TITLE: On the Problem of the Optimum Parameters of the Thermal Cycle of an Atomic Power Plant (K voprosu ob optimal'nykh parametrakh teplosilovogo tsikla atomnoy elektrostantsii)

PERIODICAL: Atomnaya energiya, 1958, Vol 5, Nr 4, pp 460-462 (USSR)

ABSTRACT: This paper is a supplement to the paper by I. I. Novikov (Atomnaya energiya, 1957, Vol 3, Nr 11, p 409) and takes into account the cosine-shaped heat emission in the reactor, the maximum permitted temperature in the fuel element and the possibility of realizing several cycles with different mean temperature feeds in the heat circuit.

The theoretical solution of this problem is outlined and given for concrete numerical data with the following results:

- 1) For attaining the maximum power output of a power reactor in the case of an assumed surface of the fuel elements there exists an optimum temperature of the coolant: T_{Mi} .
- 2) The gross output of the turbines becomes the higher, the lower the total increment of the temperature of the coolant ΔT in the reactor.

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SOV/89-5-4-11/24

On the Problem of the Optimum Parameters of the Thermal Cycle of an Atomic Power Plant

- 3) The method proposed for the computation of T_{Mi} is subject to an error of 10°C at $\Delta T = 100^{\circ}\text{C}$.
 - 4) In the case of the realization of a heat feed of different cycles an optimum is attainable by means of geometric expansion in series.
 - 5) The application of regeneration (regeneratsiya) in atomic power plants is of a different character than in the case of normal thermal power plants.
- There are 2 figures and 3 tables.

SUBMITTED: January 29, 1958

Card 2/2

DATSKOVSKIY, V.M., kand.tekhn.pauk dots.

Optimum steam parameters of waste-heat boilers for the production
of electricity. Izv.vys.ucheb.sav.; energ. 2 no.9:59-62
S '59. (MIRA 13:2)

1. Odesskiy tekhnologicheskii institut. Predstavlena kafedroy
teplotekhniki.

(Boilers)

DATSKOVSKIY, V.M., kand.tekhn.nauk

Efficient parameters of steam-power systems with waste-heat ⁶¹boilers.
Teploenergetika 8 no.5:76-78 My '61. (MIRA 14:8)

1. Odesskiy tekhnologicheskii institut.
(Boilers) (Steam power plants)

25671
S/096/61/000/009/008/008
E194/E155

26.2/24

AUTHORS: Datskovskiy, V.M., Candidate of Technical Sciences,
Verkhivker, G.P., Engineer, and
Lagutkin, O.D., Engineer

TITLE: Calculations of mixing of flows of gas and liquid

PERIODICAL: Teploenergetika, 1961, No.9, pp. 92-93

TEXT: It is often necessary to make calculations relating to mixed flows of gas and liquid, particularly when the liquid vapourises. One instance is the intermediate cooling of air in a compressor by injecting water between compressor stages. The object of the present article is to provide an approximate simple solution for this particular problem. If the gas and fluid are mixed and no liquid is present at the discharge from the mixer ($d_{\chi 2} = 0$; $P_{n2} \leq P_{H2}$) we have the following expressions:

$$i_{r2} + d_{n2} i_{n2} - i_{r1} - d_{n1} i_{n1} - d_{\chi 1} i_{\chi 1} = 0 \quad (4)$$

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Calculations of mixing of flows 25671

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$$d_{n2} = \frac{1}{\frac{R_n}{R_r} \left(\frac{p_2}{p_{n2}} - 1 \right)} \quad (5)$$

$$d_{n1} + d_{\lambda 1} = d_{n2} \quad (6)$$

The notation used here is: indexes (1) inlet to mixer; (2) discharge from mixer; λ liquid; 2 dry gas; n vapour of injected liquid; H saturated vapour; i enthalpy in kcal/kg; d flow of liquid or vapour per unit flow of dry gas kg/kg; R the gas constant kg.m/kg°C. The application of these equations to the cooling of compressed air by water injection is explained. A nomogram is given to determine tr_2 and d_{n2} from given values of tr_1 , d_{n1} and p_2 when injecting water into unsaturated wet air until it is saturated. In drawing up the nomogram it was taken that $i_{\lambda 1} = 15$ kcal/kg, $a = 0.413$ kcal/kg°C; $b = 598$ kcal/kg. The method of using the nomogram is indicated by a dotted line. For convenience two scales are plotted on the d_{n2} axis. The difference between the calculations made by the equations given

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25671

Calculations of mixing of flows ... S/096/61/000/009/008/008
E194/E155

above using a slide rule and those obtained by the nomogram
differ in practice by 1 - 2%.
There are 1 figure and 2 Soviet references.

Card 3/3

DATSKOVSKIY, V.M., kand. tekhn. nauk

Calculation of the cooling of a gas turbine blade. Teploener-
getika 10 no.7:37-39 JI '63. (MIRA 16:7)

1. Odesskiy tekhnologicheskii institut.
(Gas turbines)

DATSKOVSKIY, V.M., kand. tekhn. nauk

Calculation of a rotating regenerator. Teploenergetika 12 no.8:
93-95 Ag '65. (MIRA 18:9)

1. Odesskiy tekhnologicheskii institut imeni Lomonosova.

DATSOV, Radko

Healthy finance discipline for achieving good economic results.
Khidrotekh i melior 9 no.7:212-213 '64.

KHARIKOV, B.A.; DATSUK, Ye.M.

Seismic studies on the profile No. 62001 in western Turkmenistan using the correlation method of refracting waves and hodographic seismic sounding. Izv. AN Turk. SSR. Ser. fiz.-tekhn., khim. i geol. nauk no.6:23-27 '64. (MIRA 18:4)

1. Zapadnaya geofizicheskaya ekspeditsiya Upravleniya geologii i okhrany neдр pri Sovete Ministrov Turkmenskoy SSR.

AKOL'ZIN, L.Ye.; BEDILO, V.Ye.; BOROZDOV, I.A.; VINARSKIY, I.S.;
GOLOVATYUK, S.A.; NIKOLAYEV, G.P. Prinsipal'nyye uchastnye:
DATSUN, N.V.; ZHEGOV, V.T.; IVANITSKAYA, S.Yu.; KOMISSAROV,
M.A.; KALINCHUK, I.G.; LISHBERGOV, V.D.; SEREBRENNKOVA, S.O.;
FILIN, V.D. DUGIN, Ye.V., otv.red.; DUKALOV, M.F., red.;
BUBYR', V.A., red.; TYUTYUNIK, Ya.I., red.; VARSHAVSKIY, I.N.,
red.; MONIN, M.I., red.; PANCHENKO, A.I., red.; BELYAYEV, F.R.,
red.; RABINKOVA, L.K., red.isd-va; BOLDYREVA, Z.L., tekhn.red.

[Types of mine cross section] Tipovye secheniya gornykh vyrabotok. Moskva, Gos.nauchno-tekhn.isd-vo lit-ry po gornomu delu. Vol.5. [Cross section of mines with reinforced-concrete supports and hinge-hung crossbars for 1-, 2- and 3-ton railroad cars] Secheniya vyrabotok, zakreplennykh shelezobetonnyimi stoikami s sharnirno-podvesnym vekhniakom, dlia 1-, 2- i 3-tonnykh vagonetok. 1960. 411 p. (MIRA 13:12)

1. Khar'kov. Gosudarstvennyy proyektnyy institut Yuzhgiproshakht. (Mine timbering)

DATSYKOV, F.V.

LUK'YANOV, G.N., professor; VLASOV, G.R.; DATSYKOV, F.V. (Krasnodar)

Agricultural accidents and their prevention in the Slavyanskaya
and Stalin Districts of Krasnodar Territory. Khirurgia no.8:
50-54 Ag '54. (MLRA 7:11)

(AGRICULTURE,

accid. in Russia, statist. & prev.)

(ACCIDENTS,

agriculture, statist. & prev. in Russia)

DATSYKOV, V. V.

DATSYKOV, V. V. --"Water Supply in the Cultivated Regions of the Mugan Steppe."
*(Dissertations for Degrees in Science and Engineering Defended at USSR Higher
Educational Institutions) All-Union Sci Inst of Hydraulic Engineering and
Melioration, Moscow, 1955

SO: Khishnaya Letopis', No. 25, 18 Jun 55

* For Degree of Candidate in Technical Sciences

DATSYKOV, V.V., kand.tekhn.nauk

Water supply in irrigated regions of the Mugan Steppe. Trudy VNIIGIM
32:119-127 '59. (MIRA 13:8)

(Mugan Steppe-- Water supply, Rural)
(Irrigation canals and flumes)

DATSYKOV, V.V.; VOLOD'KO, I.F.; KUNDZICH, M.M.; PESTRIAKOV, A.I., red.;
GOR'KOVA, Z.D., tekhn.red.; PROKOP'YEVA, L.N., tekhn.red.

[Water supply on desert pastures] Obvodnenie pustynnykh
pastbishch. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1960. 183 p.
(MIRA 14:2)

(Pastures and meadows) (Water-supply, Rural)

24,3500

1:2770

S/185/62/007/010/013/020
D234/D308

AUTHORS: Vysknevs'kyy, V. N., Lyskovych, O. B., Pidzyraylo,
M. S. and Datsyshyn, A. M.

TITLE: Investigation of the excitation photoluminescence
spectra of NaI(Tl) crystals

PERIODICAL: Ukrayins'kyy fizychnyy zhurnal, v. 7, no. 10, 1962,
1127-1128

TEXT: Tl concentration was about 10^{-6} moles Tl/mole NaI in the
crystal and 0.5, 1.0, 2.0 and 4.0% TlI by weight in the melt. Pho-
tocurrent intensity plotted against wavelength of illumination
showed intense bands about 300 mμ and less intense bands at about
250 mμ. With increasing Tl concentration the structure of each
group becomes more pronounced, and 225, 234, 252, 260, 292 and 302
mμ bands can be noted. The intensity of the latter varies in dif-
ferent ways with Tl concentration. There is 1 figure.

ASSOCIATION: L'vivs'kyy derzhuniversytet im. Iv. Franka (L'viv
University im. Iv. Franko)

SUBMITTED: June 14, 1962
Card 1/1 SEE S/185/62/007/010/009/020

DATSYUK, B

D

Sp
.R9176

Rabovladel'cheskiy stroy i rabovladel'cheskiye gosudarstva na territorii zakavkaz'ya i srednoy azi; vostochnyye slavyane (The slave system and slave states in the territories of transcaucasia and central Asia; Oriental slaves) Moskva, 1955.

45 p.

At head of title: Vysshaya partiynaya shkola pri Tsk KPSS.

DATSYUK, N.M.

GEBGARDT, A.G.; DATSYUK, N.M.; YURCHUK Ye.F.

Effect of introducing Azotobacter on the thermal conditions of the
substrate in producing soil azotobacterin. Dep. ta pev. L'viv.un.
no.6 pt.2:27-30 '55. (MIRA 10:3)
(Azotobacter) (Soil temperature) (Soil inoculation)

GEBGARDT, A.G.; DATSYUK, N.M.

Distribution of auxoautotrophic and auxoheterotrophic micro-organisms in the wheat rhizosphere. Mikrobiologiya 33 no.1: 97-101 Ja-F '64. (MIRA 17:9)

1. L'vovskiy gosudarstvennyy universitet.

DATT, M. M., Eng.

Electric Insulators and Insulation

New method of fastening porcelain insulator knobs for electric wires to dry plaster,
Prom. energ. 10, No. 2, 1953.

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

DATT, M.M., insh.; KHOMITSKIY, Ye.F., insh.

New developments in the installation of grounding devices.
Prom. energ. 18 no.3:31-34 Mr '63. (MIRA 16:6)

(Electric currents—Grounding)

MINASYAN, Sh.; DATTYAN, E.; DANIELYAN, E.

High-speed mining of a crosscut at the Kafan Copper-Mining
Combine. Prom.Arm. 4 no.6:48-52 Je '61. (MIRA 14:8)

1. Sovnarkhoza Armyanskoy SSR (for Minasyan, Davtyan). 2.
Kafanskiy mednorudnyy kombinat.
(Kafan--Copper mines and mining)

DATUADZE, O.V.

Content of available magnesium in the Red and subtropical Podzolic soils of the tea and citrus plantations in western Georgia. Pochvo-vedenie no.2:65-73 F '64. (MIRA 17:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut chaya i subtropicheskikh kul'tur.

DATASHVILI, D.L.

DATASHVILI, D.L.

Pneumoretroperitoneum in the diagnosis of kidney and adrenal diseases. Urologia no.3:61-67 J1-S '55. (MLRA 8:10)

1. Is urologicheskoy kliniki (sav.prof. I.M.Epshteyn) pri kafedre fakul'tetskoy khirurgii (sav.-zasluzhennyi deyatel' nauki, prof. N.N. Yelanskiy) i Moskovskogo ordena Lenina meditsinskogo instituta.

(KIDNEYS, dis.

diag. pneumoretroperitoneum)

(ADRENAL GLANDS, dis.

same)

(PNEUMOPERITONEUM,

retropneumoperitoneum, in diag. of kidney dis. & adrenal gland dis.)

DATUASHVILI, D. L., Cand of Med Sci -- (diss) "Pneumoretroperitoneum in urology and adjacent areas." Moscow, 1957, 14 (1st Moscow Medical Institute im Sechenov) 200 copies (KL, 32-57, 97)

ZOLOTAREV, I.I.; DATUASHVILI, D.L.

Leiomyoma of the retroperitoneal space. Urologia 24 no.2:69-70
Mr-Apr '59. (MIRA 12:12)

1. Iz kafedry urologii (zav. - prof. I.M. Isphteyn) I Moskovskogo
ordena Lenina meditsinskogo instituta im. I.M. Sechenova.
(RETROPERITONEAL SPACE, neoplasms,
leiomyoma (Rus))
(LEIOMYOMA, case reports,
retroperitoneal (Rus))

DATUASHVILI, D.L., kand. med. nauk

Breaking away of the basket of Dormia's loop in the removal of
ureteral calculi. Urologiia no.6:61 N-D '63.

1. Iz urologicheskogo otdeleniya (zav.- D.L. Datuashvili) (MIRA 17:9)
Respublikanskoy kutanskoy klinicheskoy bol'nitsy.

DATUASHVILI, G. A., Cand Agri Sci — (diss) "The effect of seed grading according to specific weight on the yield of corn," Tbilisi, 1960, 23 pp, 150 cop. (Georgian Agricultural Institute) (KL, 44-60, 131)

DANELIYA, N. F.; GRIGOLASHVILI, K. Z.; DATUNAISHVILI, G. N.

Waves in a swift current and their calming by directing fins.
Trudy GPI [Gruz.] no. 4:51-58 '63. (MIRA 17:5)

DATUNASHVILI, Ye.N.; ALMASHI, K.K.; NALIMOVA, A.A.

Determining amine nitrogen in wine. Izv.vys.ucheb.zav.; pishch.
tekh. no.3:171-173 '63. (MIRA 16:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut vinogradarstva
i vinodeliya "Magarach", ordel khimii vinodeliya.
(Nitrogen compounds) (Wine and wine making--Analysis)

DATUNASHVILI, Ye.N.

Effect of various factors on the precipitation of nitrogenous
substances by yeasts. Trudy VNIIV:IV "Magarach" 13:68-77 '64.
(MIRA 17:12)

DATUASHVILI, Z.I. (Tbilisi)

Unusual yew tree. Priroda 50 no.8:116 Ag '61.
(Daba region--Yew)

(MIRA 14:7)

LOBZHANIDZE, E.D.; DATUASHVILI, Z.I.

Materials for studying the interrelation between growth in height
and diameter in forest plantations. Trudy Inst. lesa AN Gruz. SSR
10:173-187 '62.
(MIRA 17:3)

1. DATUNASHVILI, Ya. N.
2. USSR (600)
4. Champagne (Wine)
7. Rationalizing production at the Rostov Champagne Plant. Vin. SSSR 12, No. 11, 1952.
9. Monthly List of Russian Accessions. Library of Congress. March, 1953. Unclassified

DATUNASHVILI, Ye. N.: Master Tech Sci (diss) -- "Investigation of essential oils of certain species of grapes". Moscow, 1959. 16 pp (Min Higher Educ USSR, Moscow Tech Inst of the Food Industry), 150 copies (KL, No 13, 1959, 104)

NILOV, V.I.; DATUMASHVILI, Ye.N.; NALIMOVA, A.A.

Study of the processes taking place during the conservation of wine
on yeasts. Trudy VNIIViV "Magarach" 9:153-167 '60. (MIRA 13:11)
(Wine and wine making) (Yeast)

POPOV, K.S., kand. tekhn. nauk; GAYVORONSKAYA, Z.I.; UMANETS, V.P.;
NILOV, V.I.; VALUYKO, G.G.; OKHREMENKO, N.S.; ZHDANOVICH,
G.A.; DATUNASHVILI, Ye.N.; SERBINOVA, N.I.; MARCHENKO, G.S.;
KURAKSINA, N.K.; TYURIN, S.T.; TYURINA, L.V.; KRIMCHAR, M.S.;
RAZUVAYEV, N.I.; OGORODNIK, S.T.; MIKHAYLOV, S.M.;
ZHILYAKOVA, O., red.; GLIKMAN, N., red.; FISENKO, A., tekhn.
red.;

[Wine making; manual for the workers of wineries on state and
collective farms in the Crimea] Vinodelie; rukovodstvo dlia ra-
botnikov vinodel'cheskikh zavodov sovkhov i kol'khov Kryma.
Simferopol', Krymizdat, 1960. 415 p. (MIRA 16:3)
(Crimea--Wine and wine making)

DATUNASHVILI, Ye.N.

Overacidity of wines. Biokhim. vin. no.7:91-101 '63. (MIRA 16:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut vinodeliya i vinogradarstve "Magarach".
(Wine and wine making—Analysis)

34535

S/659/61/007/000/022/044
D204/D303

18.11.35

AUTHORS: Prokoshkin, D.A., Datveyeva, M.P., and Morozov, V.A.

TITLE: Study of the resistance of Cr-Mo alloys to plastic deformation, based on measuring hot hardness

SOURCE: Akademiya nauk SSSR. Institut metallurgii. Issledovaniya po zharoprochnym splavam, v. 7, 1961, 210-213

TEXT: Alloys containing 0 - 40 % Mo were prepared from electrolytic 99.96 % Cr, containing 0.014 % N₂ and 0.01 % O₂, and electrolytic 99.85 % Mo by fusion under He, and were cast into cylindrical ingots which were then annealed for 4 hours at 1400°C. The hardness was measured on 14.8 mm dia. x 5 mm long specimens, on polished ends, using a BMM-1 (VIM-1) tester. A diamond indenter was used, in the shape of a tetragonal pyramid with an apical angle of 136°, under a load of 1 kg, between 400 and 1080°C. Duration of each test was 30 secs. and the diagonals of the impressions were then measured with an MIM-6 (MIM-6) microscope with an accuracy of ± 0.002mm. It was found that, in all cases, the hardness decreased with rising Card 1/2 X

DATYSHEV, A. F.

PA 51T78

Theme/Mines and Mining Mining Machinery Winches	Feb 1946
"Remote-Controlled Scraper Winch," A. F. Datyshev, 18 pp	
"Gornyy Zhur" No 2	
<p>Usually the operator of a scraper winch is right with his machine, or controls it from a short distance away. In underground workings, however, it is particularly difficult to control such equipment remotely. Author presents method permitting the control of a scraper winch from considerable distances and in underground tunnels. This method can be used with two- and three-drum winches.</p>	51T78

THE PEOPLE'S PARTY

D.

VDOVENKO, V.M.; SUGLOBOVA, I.G.; SUGLOBOV, D.N.; DATYUK, Yu.V.

Heat of solution of uranyl nitrate and some of its complex
compounds. Radiokhimiia 5 no. 6:739-741 '63. (MIRA 17:7)

S/058/62/000/010/001/093
A061/A101

AUTHOR: Datzeff, A.

TITLE: On the stable directions of molecules moving inside rectilinear plane figures

PERIODICAL: Referativnyy zhurnal, Fizika, no. 10, 1962, 23 - 24,
abstract 10A281 (Dokl. Eolg. AN, 1961, v. 14, no. 6,
571 - 574, German; summary in Russian)

TEXT: The two-dimensional problem of the motion of non-interacting point molecules inside a plane figure with rectilinear boundaries is considered. It is shown that in the case of a regular hexagon (assuming the collisions of the molecules with the boundaries of the plane figure to be absolutely elastic) there are only seven stable directions to which correspond closed trajectories of the molecules inside the figure. ✓

I. Piyr

[Abstracter's note: Complete translation]

Card 1/1

L 36026-66 IJP(c) WW/JW

ACC NR: AP6027346

SOURCE CODE: BU/001/65/018/012/1033/1086

AUTHOR: Datzoff, A.

ORG: Department of Theoretical Physics, Physics Faculty, Sofia University

TITLE: Generalization of the Schroedinger equation for molecular hydrogen "

SOURCE: Bulgarska akademiya na naukite. Doklady, v. 18, no. 12, 1965, 1083-1086

TOPIC TAGS: Schroedinger equation, hydrogen, quantum mechanics, excited state, molecular theory, ground state

ABSTRACT: The author develops a generalization of the Schroedinger equation for the case of molecular hydrogen based on his interpretation of the quantum mechanics (Compt. rend., 258, 1964, 6354-6357; Ibid, 259, 1964, 3963-3966). The microscopic corpuscles are assumed localizable but subjected to chaotic movements within the sub-vacuum. The development assumes that the electrons are true quantum-mechanical objects, while the nuclei are treated semiclassically. The analysis of the results shows that there exists at least one bound (ground) state of the hydrogen molecule. The treatment of excited states is mathematically involved and has not been carried out yet. Orig. art. has: 9 formulas. [JPRS: 36,465]

SUB CODE: 20 / SUBM DATE: 21Sep65 / ORIG REF: 002 / OTH REF: 001

Cerd 1/1 MLP

L 07141-67 PSS-2/BWT(1) JKI/TT/ENS/GN

ACC NR: AP7001040

SOURCE CODE: UR/0259/66/000/006/0013/0016

AUTHOR: Daube, I. (Candidate of Physicomathematical Sciences)

ORG: none

TITLE: Moon: Experiments are continuing

SOURCE: Nauka i tekhnika, no. 6, 1966, 13-16

TOPIC TAGS: lunar surface, lunar probe, lunar landing

ABSTRACT: A recent article in nauka i Tekhnika reviews the recent history of lunar exploration by rockets and satellites, repeating information which has been reported in scores of publications. The following information is given on "Luna-9". The station landed on rather level terrain. The photographs show that at this site the lunar surface is much like a stony desert. It is completely covered by small hillocks and depressions. In places there are rocks of different size. Depressions with a diameter from 10 cm to 2-3 m are visible. The horizon is hilly. The surface is made of quite solid material. There are no indications of sinking or settling of the station. Between the second and third radio transmissions the orientation of the station changed slightly. This can be attributed to the fact that initially the station possibly was not in a stable position, perhaps resting on a very small stone which moved later as a result of change of temperature on the lunar surface. Near the station it is possible to see formations with a diameter as small as 1-2 mm. The cameras viewed the surrounding landscape several times, at different solar altitudes

Card 1/2

L 07141-67

ACC NR: AP7001040

(7,13, 27°); from the length of the shadows and their configuration it is possible to make a precise study of irregularities of the lunar surface. The author predicts that automatic apparatus will be used for making thorough studies of lunar parameters prior to a manned flight. Orig. art. has: 6 figures and 1 table. [JPRS: 38,230]

SUB CODE: 22,03 / SUBM DATE: none

Card 2/2 LC

* KURZEMNIYETSE, I.A.
~~KURZEMNICE, I.~~

Stars, Variable

Eclipsing variable WZ Cygni. Fiz. un. mat. inst. Raksti No. 2, 1950.

Monthly List of Russian Accessions, Library of Congress
June 1953. UNCL.

* married name is DAUBE -- see I.A. DAUBE

* KURZEMNIYETSE, I. A.

AID - P-60

Subject : USSR/Astronomy
 Card : 1/1
 Author : Kurzemniyetse, I. A.
 Title : Masses of Spectral-Double Star
 Periodical : Astron. zhur., V. XXXI, 1, 36 - 40, Ja - F 1954
 Abstract : From an analysis of orbital movements of 476 spectral-double stellar systems mean masses of nine similar groups of such stars are determined. The results agree with those of P. P. Parenago and A. G. Masevich, G. Russell and C. Moore. The mean ratio of the masses of both stars $\bar{m} = \frac{m_1}{m_2}$ proved to be independent of the spectral class. Prof. P. P. Parenago directed the research. Three tables and a compilation diagram are given. The article is based on the works of H. Berthomieu, A. Beer, O. Struve, G. A. Shayn and others. The bibliography gives 11 references (4 Russian)

Institution : Astron. Sector., Phys. Inst. Acad. Sci. Latvian SSR

Submitted : June 1, 1953

* married name is DAUBE -- see I. A. DAUBE

DAUBE, I.A.

Improving the orbit of minor planet 183 Istria. Astron. tsir.
no.155:6-8 D '54. (MLRA 8:6)

1. Astronomicheskiy sektor Instituta fiziki Akademii nauk
Latviyskoy SSR.
(Planets, Minor--183)

DAUER (KURZENMETSE), I.A.

Some statistical relations in spectral binaries. Astron.
zhur. 32 no.6:518-526 M-D '55. (MIRA 9:2)

1.Astronemicheskii sektor Instituta fiziki Akademii nauk
Latviyskoy SSR.

(Stars, Double)

DAUBE (KURZMCHYETSE), M.A.

Spatial distribution and kinematics of spectral binaries. Astron.
zhur.32 no.4:338-345 J1-Ag'55. (MIRA 8:10)

1. Astronomicheskii sektor Instituta fiziki Akademii nauk Latvii-
skoy SSR

(Stars, Double)

DAUBE, Ya.

PA 164T76

USSR/Radio - Winding Machines
Coils

Jun 50

"Small Homemade Winding Machine," Ya. Daube

"Radio" No 6, pp 57-61

Describes working principles and parts (with diagrams) of winding machine displayed at 8th All-Union Corr Radio Exhibition. Capable of winding coils 3-25 mm wide with one, two, three, or four crossovers in one winding. All coils for VEF-557 receiver can be wound on it.

164T76

DAUBE, Ya. [Ya]

(4)

Standardization of the methods for calculating the composition of metal alloys. V. A. D'yakov, V. S. Sivanov, and I. Daube (Inst. Phys. Math. Latvian S.S.R., Riga). *Latvian SSR: Zinatnu Akad. Vestis* 1950, No. 12, (Whole No. 41), 171-84 (in Russian; Latvian summary).—A study showed that it is possible to det. mathematically the proportions of various metals to be used in production of alloys of the desired properties. The calcul. is based on a series of equations whose no. depends on the no. of the components in the given alloy. The math. evaluation of the problem permitted construction of a potentiometer instrument which was expected to facilitate routine calcns. of similar nature in foundries and specialized casting plants.

M. O. Holowaty

DAUBE, YA. YA.

DAUBE, YA. YA.: "Investigation of the electrical processes in certain transformer systems for automating the solution of systems of linear algebraic equations." Riga, 1955. Acad Sci Latvian SSR, Inst of Physics. (Dissertation for the Degree of Candidate of Technical Sciences)

SO: Knizhnaya Letopis' No. 47, 19 November 1955. Moscow.

SOV/112-59-1-1377

Translation from: Referativnyy zhurnal. Elektrotehnika, 1959, Nr 1, p 189 (USSR)

AUTHOR: Daube, Ya. Ya.

TITLE: Error of a Transformer Analog Used for Solving ^{Systems of} Linear Algebraic Equations and for Computing Linear Algebraic Expressions

PERIODICAL: Izv. AN Latviyskaya SSR, 1957, Nr 11, pp111-120 (Summary in Latvian)

ABSTRACT: A transformer-type analog is described that corresponds to a set of linear algebraic equations of the form

$$\sum_{i=1}^N a_{i1} b_i + a_{i, N+1} = 0$$

($i = 1, 2, \dots, N$). The addends $a_{i, N+1}$ are simulated by single, while the addends $a_{i1} b_i$ by double voltage dividers. The error in computing a linear

Card 1/2

Systems of SOV/112-59-1-1377

Error of a Transformer Analog Used for Solving/Linear Algebraic Equations

algebraic expression is analyzed with an allowance for nonlinearity of the transformer magnetization curve, for ohmic losses in the windings, for leakage inductances, and for stray capacitances. It is pointed out that the first two of the factors listed above materially affect simulator accuracy. It is stated that an experimental analog with an error of 0.1% was built. Four illustrations: Bibliography: 8 items.

Ye. G. S.

Card 2/2

DAUBE, Ya. Ya.

~~Transformer analogue of linear algebraic correlations.~~ Nauch.
dokl. vys. shkoly; energ. no. 3:211-220 '58. (MIRA 12:1)

1. Rekomendovano Institutom fiziki AN Latvyskoy SSR.
(Equations, Simultaneous) (Calculating machines)

S/690/61/001/000/002/003
D234/D301

9.7100

AUTHORS: Daube, Ya.Ya., and Baums, A.K.

TITLE: Electronic discrete computer JM-3 (LM-3)

SOURCE: Akademiya nauk Latviyskoy SSR. Institut elektroniki i vychislitel'noy tekhniki. Trudy, v. 1, 1961. Avtomatika i vychislitel'naya tekhnika, no. 1, 99 - 112

TEXT: This is a short description of the first universal discrete computer constructed in the LatSSR, designed at the Computer Laboratory of the Institut elektroniki i vychislitel'noy tekhniki AN LatSSR (Institute of Electronics and Computer Technology, AS Lat SSR). The design was based on that of the M-3 computer developed at NII MEP. The structure of the magnetic drum and the supply of other units and that of the whole computer are stated to be original. Among the basic technical data are the following: Binary system of 30 digits apart from decimal point, memory unit with a capacity of 1024 numbers, 900 electron tubes, 4000 germanium diodes, 10,000 resistances, power used - 8 kW. Space required for install-

Card 1/2

Electronic discrete computer ...

S/690/61/001/000/002/003
D234/D301

ing - about 40 m². It is planned to increase the speed of the computer in 1961 by introducing a ferrite memory unit. Representation of numbers and commands is described and a comprehensive list of operations of the computer is given. Separate units (arithmetical unit, memory unit, control unit, input and output units, control and signal desk, supply unit) are described. There are 11 figures and 3 Soviet-bloc references. ✓

Card 2/2

DAUBNER, I.

DAUBNER, I. Method of direct microscopic determination of bacteria in water. p.272.

Vol. 11, no. 5, 1956, BIOLOGIA. BRATISLAVA, CZECHOSLOVAKIA.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, no. 10, Oct. 1956.

DAUBNER, Imrich

New methods used in hydrobacteriology and their significance in practice. Biologia 15 no.12:934-945 '60. (EEAI 10:8)

1. Ustav experimentalnej mediciny Slovenskej akademie vied,
Oddelenie hygieny, Bratislava.
(WATER)

DAUBNER, Imrich, PhMr., C.Sc.

Possibility and need of using a direct microscopic method in hydro-bacteriology. Biologia 16 no.7:545-548 '61.

1. Ustav experimentalnej mediciny Slovenskej akademie vied, Oddelenie hygieny, Bratislava, Sienkiewiczova 1.

(BACTERIOLOGY) (MICROSCOPE AND MICROSCOPY)

MUCHA, Vojtech, akademik; DAUBNER, Imrich, PhMr., C.Sc.

International scientific excursion of limnologists on the Danube
River from Vienna to the Black Sea. Biologia 16 no.7:550-555 '61.

1. Ustav experimentalnej mediciny Slovenskej akademie vied, Oddelenie
hygieny, Bratislava, Sienkiewiczova 1.

(LIMNOLOGY) (DANUBE RIVER)

DAUBNER, I.

CSSR

Czechoslovak Academy of Sciences -- Experimental Institute for Medicine,
Slovak Academy of Sciences, Bratislava, department of experimental
hygiene (CSAV - Ustav experimentalnej mediciny Slovenskej akademie vied,
Bratislava, oddelenie experimentalnej hygieny

Prague, Ceskoslovenska Hygiena, No 10, 1962, pp 615- 621

Silicic Acid Gel as a Base of Endo's Medium"

DAUBNER, Imrich (C.Sc.)

SURNAME, Given Names

Country: Czechoslovakia

Academic Degrees:

Affiliation: Department of Hygiene, Institute of Experimental Medicine, SAV
/Slovenska akademia vied; Slovak Academy of Sciences/ (Gadeleni
Source: hygieny, Ustav Experimentalnej mediciny, SAV), Bratislava.

Bratislava, Hasa Veda, Vol VIII, No 11, Nov 61, pp 648-652.

Data: "Limnological and Hygienic Research of the Danube River in Czechoslovakia."

Authors: MUCHA, Vojtech, Academician

DAUBNER, Imrich, C.Sc.

GPO 981643

MUCHA, V.; KELETI, J.; DAUBNER, I.

Reasons for advocating standardization of hydrobacteriological methods. Cesk. hyg. 7 no.4:209-215 My '62.

1. Ustav hygieny Lekarskej fakulty Univerzity Komenskeho a Oddelenie experimentalnej hygieny CSAV Ustavu experimentalnej mediciny SAV, Bratislava.

(WATER SUPPLY microbiology)

DAUBNER, Imrich

The 7th International Conference of the Danube Research
Association SIL. Vodni hosp 13 no.2:79 '63.

CZECHOSLOVAKIA

DAUBNER, Imrich; [Affiliation not given.]

"The Seventh International Conference of the Working Group for Research on the Danube SIL."

Bratislava, Biologia, Vol 18, No 7, 1963; pp 555-557.

Abstract : Report about a 6-day meeting in October 1962 in Smolenice in Slovakia with 65 participants including 36 foreign ones from both Germanies, Austria, Hungary, Rumania and Bulgaria. A great m any subjects were discussed such as riparian biology, navigation, radioisotope and industrial pollutant contamination, fishing, legal aspects etcetera. Next meeting was scheduled for September 1963 in Bucharest.

1/1

DAUBNER, I., PhMr., CSc.

Eighth International Conference of Limnologists on the
Danube. Vodni hosp 14 no. 1:4 '64.

DAUBNER, Imrich; MUCHA, Igor

Use of microscopic examination for detection of bacteria in
pure water. Biologia 19 no.1:40-48 '64.

1. Ustav experimentalnej mediciny Slovenskej akademie vied;
Oidelenie experimentalnej hygieny v Bratislave a Katedra in-
zinierskeho geologie a hydrogeologie Prirodovedeckej fakulty
Univ. Komenskeho v Bratislave.

X

DAUBNER, Imrich, PhMr. CSc.

Ninth Conference of the Working Committee for Research of
the Danube. Vod hosp 15 no.1:43 '65.

DAUBNER, Imrich

Current status and future prospects of microbiology. Biologia
(Bratisl.) 19 no.8:630-633 '64.

1. Oddelenie experimentalnej hygieny Ustavu experimentalnej
mediciny Slovenskej akademie vied v Bratislave.

L 52581-65

ACCESSION NR: AP5020538

CZ/0049/64/000/0019/0705/0713

AUTHOR: Daubner, Imrich (Pharmacist, Candidate of sciences); Trzilova, Bozena 13
(Trzihilova, Bozhena)(Graduate biologist) B

TITLE: Development of microbial plankton in surface water and mutual relations of its individual components (1961 - 1963)

SOURCE: Biologia, no. 9, 1964, 705-713

TOPIC TAGS: microbiology, biologic ecology, microorganism contamination, water pollution, surface water

ABSTRACT: The author studied the dynamics of the development of microbial plankton in the medium of Danube water. There is an indirect relation between the number of microorganisms and the flow rate of the water. The influence of temperature changes from case to case. Between heterotrophic psychrophilic and mesophilic bacteria a tight interrelation exists. The pollution by feces is shown by the presence of E. coli. The dynamics of its development are similar to those of genus Enterobacteriaceae. Orig. art. has: 5 graphs, 1 table.

Card 1/2

L. 59581-65

ACCESSION NR: AP5020538

ASSOCIATION: Oddelenie experimentalnej hygieny Ustavu experimentalnej mediciny
Slovenskej akademie vied, Bratislava (Department of Experimental Hygiene,
Institute of Experimental Medicine, Slovak Academy of Sciences)

SUBMITTED: 17Feb64

ENCL: 00

SUB CODE: LS, ES

NR REF SOV: 017

OTHER: 008

JPRS

dm
Card 2/2

DAUBNER, Imrich

Experimental study on the development of surface-water bacteria under laboratory conditions. I. The effect of temperature and intermixture. J. hyg. epidem. (Praha) 9 no.1:8-17 '65

1. Abteilung für experimentelle Hygiene des Instituts für experimentelle Medizin der Slowakischen Akademie der Wissenschaften in Bratislava.

DAUBNER, J.

" Elimination of waste in steel casting." (p.209). KOHASZATI LAPOK (Magyar Banyaszati es Kohaszahi Egyesulet) Budapest. Vol. 3, no. 9, Sept. 1952.

SO: EAST European Accessions List, Vol 3, No 8, Aug. 1954.

GODAN, Frigyes, dr.; DAUBNER, Kornel, dr.; GATI, Eva, dr.

Development of bone marrow damage in connection with the treatment of breast cancer. Magy. onkol. 6 no.3:138-141 Ag '62.

1. Orszagos Onkologiai Intezet.

(BREAST NEOPLASM)

(CARCINOMA, DUCTAL)

(AGRANULOCYTOSIS)

(AMINOPYRINE)

(BONE MARROW DISEASES)

(RADIATION INJURY)

CZECHOSLOVAKIA
28 Jun 66

①

MELISKA, Ondrej, Engr, secretary, Slovak Trade Union Council

DAVENER, Voitech, chairman, Slovak Trade Union Council

The above trade union leaders addressed a plenary meeting of the Slovak Trade Union Council on its first day, Bratislava, 28 June.

Praca, Bratislava, 29 Jun 66, p 1.

(2)

DAUDA, Gy.; ENDES, P.

Studies on the ontogenesis of the granulated cells of the juxtaglomerular apparatus. Acta morph. acad. sci. hung. 12 no.1:51-54 '63.

1. Department of Pathology, University Medical School, Debrecen
(Director: Prof. P. Endes).

(KIDNEY GLOMERULUS)

(EMBRYOLOGY)

ENDES, P.; DAUDA, G.; DEVENYI, I.; SZUCS, L.

Pressor effect of kidney extracts and their relationship to the juxtaglomerular granular cells. Acta physiol. acad. sci. Hung. 27 no.4:349-351 '65.

1. Department of Pathology, University Medical School, Debrecen.

L 31085-66

ACC NR: AT6022823

SOURCE CODE: HU/2505/65/028/003/0273/0276

AUTHOR: Dauda, Gyorgy—Dauda, D.; Szokol, Miklos—Sokol, H; Devenyi, Istvan—
Devenyi, I. 26
B+1

ORG: Institute of Pathology, Medical University, Debrecen (Orvostudományi Egyetem
Korbonctani Intézet)

TITLE: Effect of renal medullary extracts on the blood pressure of the rat 22

SOURCE: Academia scientiarum hungaricae. Acta physiologica, v. 28, no. 3, 1965, 273-276

TOPIC TAGS: blood pressure, rat, rabbit, animal physiology

ABSTRACT: The effect of renal medullary extracts on lowering the blood pressure has been studied. The effect of extracts from the kidney of rabbits was more marked than that of rats and guinea pigs. The depressor effect was of 1-2½ minutes' duration, at the most, and counteracted the pressor effect of cortical extracts. The results obtained in the present study were not in complete agreement with the pertinent data found in the literature. Orig. art. has: 3 figures. [Orig. art. in Eng.] [JPRS]

SUB CODE: 06 / SUBM DATE: 20Nov64 / OTH REF: 004

Card 1/1 CC

0915

0805

PONGRAC, Endres, dr.; DAUDA, Gyorgy, dr.; DEVENYI, Istvan, dr.; SZUCS, Laszlo, dr.

Relation of the pressor activity of kidney tissue extracts and the juxtaglomerular granulation cell content of the kidney.
Orv. hetil. 105 no.48:2282-2283 29 N '64.

1. Debreceni Orvostudományi Egyetem, Kóronctani Intézet.

L 37915-66

ACC NR: AP6028491

SOURCE CODE: HU/0018/65/017/006/0608/0610

AUTHOR: Dauda, Gyorgy--Dauda, D'.; Gomba, Szabolcs; Endes, Pongrac--Endesh, P. /4

ORG: Institute of Pathological Anatomy, Medical University of Debrecen (Debreceni Orvostudományi Egyetem, Kóronctani Intézet)

TITLE: Effect of unilateral narrowing of the vena renalis on the granulocytes of the juxtaglomerular apparatus of the kidney 72

SOURCE: Kiserletes orvostudomány, v. 17, no. 6, 1965, 608-610

TOPIC TAGS: blood circulation, blood pressure, urology, circulatory system

ABSTRACT: The effect of a small degree of narrowing of the left vena renalis on the granulocytes of the juxtaglomerular apparatus of the kidney has been studied. It has been determined that a considerable decrease in the index value occurs in the juxtaglomerular system of both treated and intact kidneys 12 hours after the narrowing. The index values return to normal 48 hours after the operation. It is considered probable that normalization takes place at the time when the difference between the arterial and venous pressures in the kidney returns to its original value. Orig. art. has: 1 figure. [JPRS]

SUB CODE: 06 / SUBM DATE: 05Feb65 / ORIG REF: 001 / OTH REF: 009

Card 1/1 mcl

DAUDA, G.; SZOKOL, M.; DEVENYI, I.

Effect of renal medullary extracts on blood pressure of the
rat. Acta physiol. acad. sci. Hung. 28 no.3:273-276 ' 65.

1. Department of Pathology, University Medical School,
Debrecen. Submitted November 20, 1964.

L 15462-66

ACC NR: AT6007426

SOURCE CODE: HU/2505/65/026/00X/0038/0038

AUTHOR: Endes, P.; Dauda, G.; Devenyi, I.; Szucs, L.

15
B+1

ORG: Institute of Pathology, Medical University of Debrecen, Debrecen (Debreceni Orvostudományi Egyetem, Kortani Intezet)

TITLE: Relationship between the pressor effect of renal extracts and their juxtaglomerular granulated cell content /This paper was presented at the 29th Meeting of the Hungarian Physiological Society held in Szeged from 2 to 4 July 1964/

SOURCE: Academia scientiarum hungaricae. Acta physiologica, v. 26, Supplement, 1965, 38

TOPIC TAGS: enzyme, biologic secretion, animal physiology, rat, blood pressure

ABSTRACT: Renal extracts with varying juxtaglomerular cell content were tested for their pressor effect in rats sensitized to renin by bilateral nephrectomy. There was no significant difference in the pressor effect between extract from adult rats containing a moderate amount of granules, from newborn rats containing no granules, and that from mouse kidneys which have a much higher granule content than

Card 1/2

L 15469-66

ACC NR: AT6007426

the rat kidney. At variance with the view advocated by HARTROFT and others, this proves that no direct relationship exists between the granulated cell content and the pressor effect so that a) either the granules of these cells are not identical with renin or its precursor, or b) the renin produced by the granulated cells plays no primary role in the maintenance of blood pressure under physiological conditions. [JPRS]

SUB CODE: 06 / SUBM DATE: none

23
Card 2/2

DAUDA, J.

Improving the quality of our machinery industry products by decreasing their prime cost through using nitrified parts. II. p. 48.

(Gep., Vol. 9, no. 2, April 1957. Budapest, Hungary)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 9, Sept. 1957. Uncl.

DAUDERYS, J.

Dynamic changes of the venous pressure and their significance in the diagnosis of venous diseases of the lower extremity. Sveik. apsaug. 7 no.6 (78);8-12 Je '62.

1. Resp. Kauno klinine ligonine. Vyr. gyd. — med. m. kand. P.Jasinskas.
(BLOOD PRESSURE DETERMINATION) (VARICOSE VEINS)

DAUDYARIS, P.P. [Dauderys, P.]

Study of the work of gas concrete slabs of prefabricated
cylindrical casings during a drop in temperature. Trudy AN
Lit. SSR. Ser. B no.2:163-175 '63. (MIRA 17:10)

1. Institut stroitel'stva i arkhitektury AN Litovskoy SSR.

DAUDOV, A.

An automobile driver for 30 years. Avt. transp. 38 no. 9:55 S '60.
(MIRA 13:9)

(Dagestan--Highway transport workers)

1) DAUDOVA, G.M.
VESSELKIN, N.V.; DAUDOVA, G.M.; IL'IN, V.S.

Method of determining the ability of tissues to synthesize reducing
phosphorus organic compounds. Mat. po evol. fiziol. 1:76-78 '56.
(PHOSPHORUS ORGANIC COMPOUNDS) (MIRA 11:1)
(TISSUE CULTURE)

DAUDOVA, G.M.

Role of the nervous system in regulating the metabolism of the liver. Report No.1: Effect of liver denervation on the glycemic curves and the ability of the liver to synthesize reducing phosphorus organic compounds. Mat. po evol.giziol. 1:109-116 '56.

(LIVER—INNERVATION)

(MIRA 11:1)

(PHOSPHORUS METABOLISM)

(CARBOHYDRATE METABOLISM)

USSR/Human and Animal Physiology. Thermoregulation.

T-3

Abs Jour: Ref Zhur-Biol., No 12, 1958, 55378.

Author : Daudova, G.M.

Inst :

Title : The Significance of the Cerebral Cortex Functional
State in the Development of Febrile Reactions.

Orig Pub: V.sb. Fiziol. mekhanizmy likhoradochn, reaktsii,
L., Medgiz, 1957, 241-251.

Abstract: The febrile reactions (FR) were studied which were based on such febrile states as the enucleation of the eyes, destruction of the internal ear, and severing of the olfactory nerves. In the majority of tests, a subdermal injection of turpentine (.5 ml per dog) caused a faster development in the febrile state and a higher rise in body temperature in the

Card : 1/3